

HISTORIC PROPERTY INVENTORY FORM

IDENTIFICATION SECTION

Field Site No. 607 OAHP No. _____ Date Recorded 1 April 1998
Site Name Historic Batch Plant
Common _____
Field Recorder Holly K. Chamberlain
Owner's Name U.S. Department of Energy, Richland Operations Office
Address P.O. Box 550
City/State/Zip Code Richland, WA 99352

Status

☒ Survey/Inventory
☐ National Register
☐ State Register
☐ Determined Eligible
☐ Determined Not Eligible
☐ Other (HABS, HAER, NHL)
☐ Local Designation

Photography

Photography Neg. No. HCRL Roll 382, Frames 15-18
(Roll No. & Frame No.)
View of All exterior facades
Date 4 February 1998

Photo at right: Roll 382, Frame 18
View of south elevation

Classification ☐ District ☐ Site ☒ Building ☐ Structure ☐ Object
District Status ☒ NR ☐ SR ☐ LR ☐ INV
Contributing ☒ Non-Contributing ☐
District/Thematic Nomination Name Hanford Site Manhattan Project and Cold War Historic District

Description Section

Materials & Features/Structural Types

Building Type Industry
Plan Rectangular
Structural System Wood Frame
No. of Stories One

Roof Type

☒ Gable ☐ Hip
☐ Flat ☐ Pyramidal
☐ Monitor ☐ Other (specify) _____
☐ Gambrel
☐ Shed

Cladding (Exterior Wall Surfaces)

☐ Log
☒ Horizontal Wood Siding
Rustic/Drop ☐
Clapboard ☒
☐ Wood Shingle
☐ Board and Batten
☐ Vertical Board
☐ Asbestos/Asphalt
☐ Brick
☐ Stone
☐ Stucco
☐ Terra Cotta
☐ Concrete/Concrete Block
☐ Vinyl/Aluminum Siding
☐ Metal (specify) _____
☐ Other (specify) _____

Roof Material

☐ Wood Shingle
☐ Wood Shake
☐ Composition
☐ Slate
☒ Tar/Built-up
☐ Tile
☐ Metal (specify) _____
☐ Other (specify) _____
☐ Not visible

Foundation

☐ Log ☐ Concrete
☒ Post & Pier ☐ Block
☐ Stone ☐ Poured
☐ Brick ☐ Other (specify) _____
☐ Not visible

Integrity

(Include detailed description in
Description of Physical Appearance)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Changes to original cladding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

State of Washington, Department of Community Development
Office of Archaeology and Historic Preservation
111 21st Avenue Southwest, Post Office Box 48343
Olympia, Washington 98504-8343 (206)753-4011

LOCATION SECTION

Address 607 Building, 600 Area (near junction of Routes 3 and 4)
City/Town/County/Zip Code Richland/Benton County/99352
Twp 12 N Range 26 E Section 4 I/4 Section SW 1/4 1/4 Sec _____
Tax No./Parcel No. _____ Acreage _____
Quadrangle or map name Gable Butte, Washington, 7.5 minute series
UTM References Zone 11 Easting _____ Northing _____
Plat/Block/Lot _____
Supplemental Map(s) _____



High Styles/Forms (Check one or more of the following)

<input type="checkbox"/> Greek Revival	<input type="checkbox"/> Spanish Colonial Revival/Mediterranean
<input type="checkbox"/> Gothic Revival	<input type="checkbox"/> Tudor Revival
<input type="checkbox"/> Italianate	<input type="checkbox"/> Craftsman/Arts & Crafts
<input type="checkbox"/> Second Empire	<input type="checkbox"/> Bungalow
<input type="checkbox"/> Romanesque Revival	<input type="checkbox"/> Prairie Style
<input type="checkbox"/> Stick Style	<input type="checkbox"/> Art Deco/Art Moderne
<input type="checkbox"/> Queen Anne	<input type="checkbox"/> Rustic Style
<input type="checkbox"/> Shingle Style	<input type="checkbox"/> International Style
<input type="checkbox"/> Colonial Revival	<input type="checkbox"/> Northwest Style
<input type="checkbox"/> Beaux Arts/Neoclassical	<input type="checkbox"/> Commercial Vernacular
<input type="checkbox"/> Chicago/Commercial Style	<input type="checkbox"/> Residential Vernacular (see below)
<input type="checkbox"/> American Foursquare	<input checked="" type="checkbox"/> Other (specify)
<input type="checkbox"/> Mission Revival	<u>Industrial Vernacular</u>

Vernacular House Types

<input type="checkbox"/> Gable Front	<input type="checkbox"/> Cross Gable
<input type="checkbox"/> Gable Front and Wing	<input type="checkbox"/> Pyramidal/Hipped
<input type="checkbox"/> Side Gable	<input type="checkbox"/> Other (specify) _____

NARRATIVE SECTION

Study Unit Themes (check one or more of the following)

☐ Agriculture
☐ Architecture/Landscape Architecture
☐ Arts
☐ Commerce
☐ Communications
☐ Community Planning/Development

☐ Conservation
☐ Education
☐ Entertainment/Recreation
☐ Ethnic Heritage (specify) _____
☐ Health/Medicine
☐ Manufacturing/Industry
☐ Military

☐ Politics/Government/Law
☐ Religion
☐ Science & Engineering
☐ Social Movements/Organizations
☐ Transportation
☒ Other (specify) Manhattan Project and Cold War Eras
☒ **Study Unit Sub-Theme(s)** General Site, Facilities

Statement of Significance

Date of Construction circa 1944 Architect/Engineer/Builder E.I. du Pont de Nemours and Company or General Electric Company

☒ In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places.

☒ In the opinion of the surveyor, this property is located in a potential historic district (National and/or local).

Building 607 was part of a larger complex known as the Central Mix Plant or Central Batch Plant. The date of construction of this building is unclear. It may be a World War II-era building which was used in one of the original concrete operations located near the major construction projects (221-T, U, and B; 100-B and D) at the Hanford Site and then moved to its present location. It may have been constructed just after World War II-era production at the Hanford Site to fill Cold War needs. Most of the Central Batch Plant buildings were demolished in the early 1980s but many remnants of cement production remain, such as gravel pits, rough roadways, and miscellaneous metal equipment fragments. The building is presently used for storage of non-regulated hazardous wastes.

When in operation, the building was used to mix concrete for all construction work in the 100 and 200 areas. It utilized raw materials from the 100 acre aggregate pit to the north. The ground level floor housed two concrete mixers. Equipment housed on the main floor included scales, weigh batchers, and electrical controls. A small top story measuring approximately 5 by 6 feet housed controls for the aggregate supply system. This part of the building was removed after 1964.

The Batch Plant is the primary remaining building associated with the Central Mix Plant which supplied concrete for many buildings at the Hanford Site. Therefore, it is the conclusion of the U.S. Department of Energy that the 607 Building is eligible for inclusion in the National Register of Historic Places as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

Description of Physical Appearance

The 607 Building is located on the north side of Route 3, between 200 East and 200 West, just west of the intersection of Routes 3 and 4. The rectangular wood-frame building is sited so that its long axis runs east-west. It is parallel to an abandoned railroad spur which is located to the north of the building. The area to the north has many gravel pits, a metal-lined tunnel, and rough roadways dating to the use of the site as a cement-mixing plant. The one-story building is set on a high wooden base which constitutes a ground floor level. There is a small wood-framed opening covered with a sheet of wood which provides access to the ground floor level on its eastern end. The ground level walls are sheathed with wide, horizontal wooden boards finished with metal caps at the corners. The walls of the upper portion are covered with T-111 siding finished with metal cornerboards. None of the exterior wall materials are original. The low-pitched gable roof is covered with tar. The small eaves have slightly exposed wooden rafter ends. The building is approximately 25 feet high, and measures approximately 20 feet by 60 feet. There is a concrete pad extending about 10 feet beyond the western end of the building. A fence surrounds an exterior storage area on the south side.

(Please see continuation sheet)

Major Bibliographic References

AEC-GE Study Group. 1964. *Catalog of Hanford Buildings and Facilities Miscellaneous*. GEH-26434-400. Richland, Washington.

Holland, Jon, Non-Regulated Wastes Manager, Fluor-Daniel Hanford Company. 18 May 1998. Telephone Interview. Richland, Washington.